Patent claims

1. A device for screwing sealing caps (V) onto containers (G), with several closing heads (2) revolving on a closed track, each one of which has a gripping tong (3) which can be moved on and off in a controlled manner, characterized in that, every gripping tong (3) has a control unit (4) allocated to it which revolves together with it, which [control unit] is movable relative to the closed track (K) between an opening position opening the gripping tong (3) and a closed position closing the gripping tong (3), and that, the control units (4) can change direction by means of stationary stops (5, 6) between the opening position and the closed position.

2. A device in accordance with claim 1, characterized in that, the closed position and/or the opening position of the control units (4) is stabilized in a self-limiting manner.

3. A device in accordance with claim 1 or 2, characterized in that, the control unit (4) has a cam (7) rotatably supported on the rotor (1), which [cam] is supported displaceably in the closing head (2) by means of a push rod (8) which activates the corresponding gripping tong (3).

4. A device in accordance with claim 3, characterized in that, every control unit (4) has an angle lever (9) non-rotatably connected with the cam (7), which [lever] cooperates with the stationary stops (5, 6).

5. A device in accordance with claim 3 and 4, characterized in that, the rotational axis of the cam (7) and the longitudinal axis of the push rod (8) are positioned in parallel with the rotational axis (D) of the rotor (1), and the cam (7) is constructed as a spatial curve.

6. A device in accordance with one of the claims 1 to 5, characterized in that, the stationary stops (5', 6') have curved parts (42, 43) proceeding obliquely to the closed track (K) of the closing heads (2).

7. A device in accordance with claim 6, characterized in that, the control units (4) are provided with rollers (39) or the like which scan the curved parts (42, 43).